



Glass LED Downlight, 12W, 4.7" Cutout, 6000K Dimmable Recessed Fixture

- Delivers 960 lm at 80 lm/W efficacy from a 12W input
- Uses SMD5730 LED chips in an aluminum housing
- Compatible with Triac dimming for adjustable brightness
- Rated IP20 for dry, non-waterproof indoor environments
- 6000K daylight color temperature with CRI 80
- Operates across a 120-240VAC input range

OVERVIEW

The A-GL4.7-R12-60K-D is a 12W glass LED recessed downlight designed for commercial and residential ceiling applications requiring a clean, low-profile appearance. It is dimmable and fits a 4.7-inch cutout, making it suitable for retrofit and new construction installations across a range of ceiling types.

The fixture operates on 120-240VAC and delivers 960 lumens at 6000K (daylight) color temperature with a CRI of 80 and an efficacy of 80 lm/W. It uses an SMD5730 LED chip in an aluminum housing rated IP20, appropriate for dry indoor environments, and pairs with a Triac dimmer. The unit weighs 0.8 lb and carries a rated LED lifetime of 50,000 hours.

This product carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

Luminous Flux	960 lm
Efficacy	80 lm/W
Color Temperature	6,000 K
CRI	80
Beam Angle	110°
LED Chip Type	SMD5730
LED Lifetime	50,000 h
Light Color	White

MECHANICAL

Product Dimensions	7.25 × 1.75 × 6.75 ft
Finish	White
Material	Aluminum
Weight	0.8 lb

ELECTRICAL

Operating Voltage	120-240 V
Wattage	12 W
Dimmer Type	Triac

ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non-Waterproof
Ambient Operating Temperature	-30-50 °C -22-122 °F

ORDERING

Warranty

1 y

APPLICATIONS

- Residential living room recessed lighting
- Retail display ceiling lighting
- Office and hallway general illumination
- Hospitality and lobby ceiling fixtures

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
lumens	960 lm	db	high
efficacy_lm_per_w	80 lm/W	db	high
cct_k	6,000 K	db	high
cri	80	db	high
beam_angle_deg	110°	db	high
led_chip_type	SMD5730	db	high
led_lifetime_h	50,000 h	db	high
color	White	db	high
operating_voltage	120–240 V	db	high
wattage	12 W	db	high
dimmer_type	Triac	db	high
product_dimensions	7.25 × 1.75 × 6.75 ft	db	high
finish	White	db	high
material	Aluminum	db	high
weight	0.8 lb	db	high
ip_rating	IP20	db	high
environmental_rating	Non-Waterproof	db	high
ambient_temp_c	-30–50 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.